



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

RBW6521A00138-W142G-3T-5
Job Sheet R203629



Part No: RBW6521A00138-W142G-3T-5 **Job Qty:** 6 pcs

Part Name: Ring



Part Weight: 0 lbs

Status: New

Priority: High

Job Created: 11/22/19

Job Tracking No:

Due Date: 11/22/19

Created By: Jennifer Renwick

Type: Rework

Description: Order 19577

Note: DWG RBW6521A00138-W142G-3T Rev 1A IPP Rev. A 19.09.18 New issue DP Verify DD

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier	Sign-off
					Setup Hrs	Run Hrs		
105	Rework - 1 - Startup	6 pcs	11/22/19	11/22/19	0.25	1.50	Conventional Lathe - 1	/ 11/11/22
							Conventional Lathe - 2	
110	QC 2	6 pcs	11/22/19	11/22/19	0.00	0.00	QC 2 - 1	/ 11/11/22
							QC 2 - 12	
							QC 2 - 14	
							QC 2 - 17	
							QC 2 - 19	
							QC 2 - 2	
							QC 2 - 20	
							QC 2 - 22	
							QC 2 - 23	
							QC 2 - 25	
							QC 2 - 32	
							QC 2 - 33	
							QC 2 - 35	
							QC 2 - 39	
							QC 2 - 4	
							QC 2 - 40	
							QC 2 - 44	
							QC 2 - 45	
							QC 2 - 48	
							QC 2 - 49	
							QC 2 - 50	
							QC 2 - 51	
							QC 2 - 52	
							QC 2 - 57	
							QC 2 - 62	
							QC 2 - 63	
							QC 2 - 8	
							QC 2 - 66	
							QC 2 - 64	



Container No: S234197



Part: RBW6521A00138 - W142G - 3T - 5

Job No: R203629

Serial No/Batch: S234197

Revision: Rev 1A

Inspector:

Exp Date:

Instructions:

DART Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 11/22/19

Plex 11/22/19 11:00 AM Dart.Renwick.Jennifer

					QC 2 - 65	
					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
120 QC 8	6 pcs	11/22/19	0.00 0.00		QC 8 - 12	
					QC 8 - 14	mk 19/11/24
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
125 Rework - 2 - B4B	6 pcs	11/22/19	0.00 1.00		Small Fab - 1 - B4B	
					Small Fab - 2 - B4B	
					Small Fab - 3 - B4B	
					Small Fab - 4 - B4B	
					Small Fab - 5 - B4B	
					Small Fab - 6 - B4B	
					Small Fab - 7 - B4B	
					Small Fab - 8 - B4B	
					Small Fab - 9 - B4B	
135 Outsource - 7 - Rework	6 pcs	Analyze 11/22/19			GRO002-VC	2019-11-26
140 Packaging 2-1 - Receive - B4B	6 pcs	11/22/19	0.00 0.00		Packaging 2 - 1 - B4B	
					Packaging 2 - 2 - B4B	
					Packaging 2 - 3 - B4B	
					Packaging 2 - 5 - B4B	
					Packaging 2 - 4 - B4B	
					Packaging 2 - 6 - B4B	
					Packaging 2 - 7 - B4B	
					Packaging 2 - 8 - B4B	
					Packaging 2 - 9 - B4B	
					Packaging 2 - 10 - B4B	
					Packaging 2 - 11 - B4B	
					Packaging 2 - 12 - B4B	
					Packaging 2 - 13 - B4B	DEC 02 2019
					Packaging 2 - 14 - B4B	
					Packaging 2 - 15 - B4B	
					Packaging 2 - 16 - B4B	
					Packaging 2 - 17 - B4B	

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				Packaging 2 - 18 - B4B		
				Packaging 2 - 19 - B4B		
				Packaging 2 - 20 - B4B		
				Packaging 2 - 21 - B4B		
				Packaging 2 - 22 - B4B		
				Packaging 2 - 23 - B4B		
				Packaging 2 - 24 - B4B		
				Packaging 2 - 25 - B4B		
				Packaging 2 - 26 - B4B		
				Packaging 2 - 27 - B4B		
				Packaging 2 - 28 - B4B		
				Packaging 2 - 29 - B4B		
				Packaging 2 - 30 - B4B		
				Packaging 2 - 31 - B4B		
				Packaging 2 - 32 - B4B		
				Packaging 2 - 33 - B4B		
				Packaging 2 - 34 - B4B		
				Packaging 2 - 35 - B4B		
				Packaging 2 - 36 - B4B		
150	QC 6	6 pcs	11/22/19	0.00 0.00	QC 6 - 9	
					QC 6 - 68	
					QC 6 - 61	
					QC 6 - 40	DEC 03 2019
					QC 6 - 81	40 9-89
160	Packaging 3-1 - Stock - B4B	6 pcs	11/22/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Plex 11/22/19 11:00 AM Dart.Renwick.Jennife	

DAS

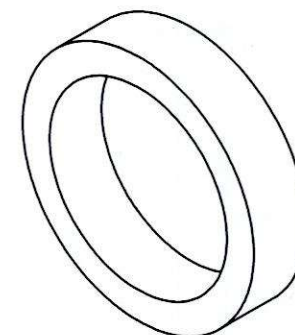
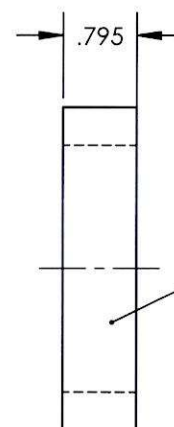
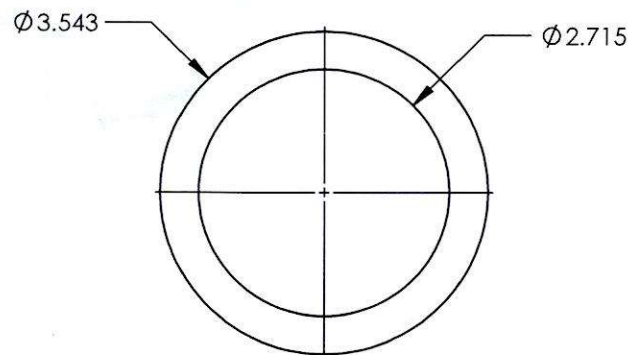
DEC 03 2019 40
9-89DAS
28
9-89

170 QC 21 - SA		6 pcs	11/22/19	0.00 0.00	Packaging 3 - 36 - B4B	
					QC 21 - SA - 21	DAS
					QC 21 - SA - 70	21
Part Op 105 - 1-Remove engraving Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB) 120 - (QC8- Inspect parts - second check) Engrave T/N and/or P/N using MARKTRONIC engraver as per DWG. 125 - Engrave RBW6521A00138-W142G-3T-5 using MARKTRONIC engraver as per DWG. 135 - (Outsource process-Anodize per QSI017 4.1.10.1) -Issue P/O; <u>45217</u> -Strip and re plate -ANODIZE COLOR BLACK, PER IAW MIL-A-8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required 140 - (Pac2-Receive & Inspect for Damage & Mat'l Certs.) 150 - (QC6- All purchased or subcontracted products) 160 - (Pac3-Identify as per DWG & Stock Location: _____)						
Job BOM						
Part / Item	Component Name	Quantity	Operation	Container		
RBW6521A00138-W142G-3T-5	Ring	6 pcs (1 ea)	105-Rework - 1 - Startup			
Job Allocations						
Operation	Component Part	Required	Inventory	Allocated		
105-Rework - 1 - Startup	RBW6521A00138-W142G-3T-5	6	6	0		
Part Specifications						
Specifications could not be found.						

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL APPROVED



ENGRAVE
"RBW6500X01611-W142G-3T"

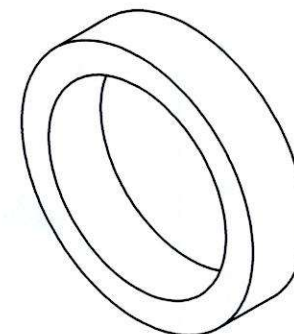
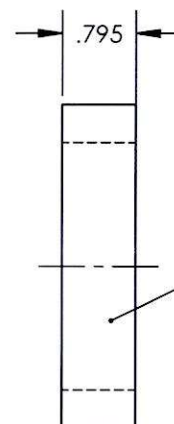
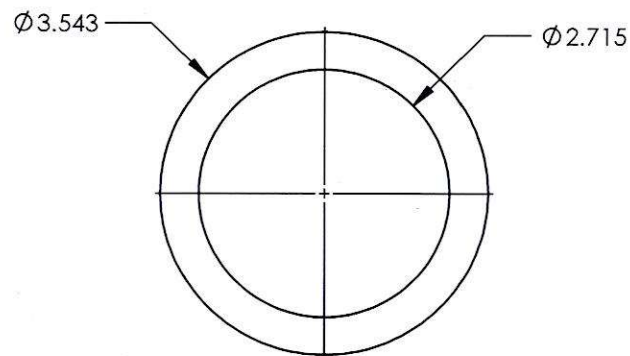
6 STOCK

(-5)
RING

DART AEROSPACE	
TITLE INPUT OIL SEAL REMOVAL PRESS TOOL, IGB INPUT	
DWG NO. RBW6521A00138-W142G-3T-5	REV 1A
MAT'L 6061	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D. Weir</i>
.XXX ± .005	HEAT TREAT
.XX ± .01	FINISH BLACK ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 6/6/2014
SHEET 4 OF 4	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



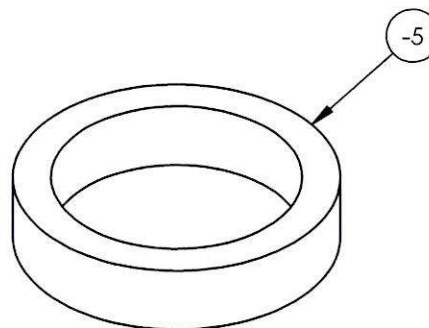
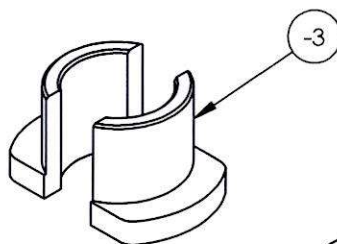
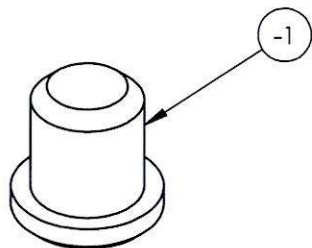
6

(-5)
RING

DART AEROSPACE	
TITLE INPUT OIL SEAL REMOVAL PRESS TOOL, IGB INPUT	
DWG NO. RBW6521A00138-W142G-3T-5	REV 1A
MAT'L 6061	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK ANODIZE
.X ± .1	SPEC MIL-A-8625F, TYPE II, CLASS II
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:2	DATE 6/6/2014 SHEET 4 OF 4

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL
1A	UPDATED TO NEW DRAFTING STANDARDS, CH'D TITLEBLOCK WAS RED BARN IS DART.	6/6/2014	DPD
			RJC



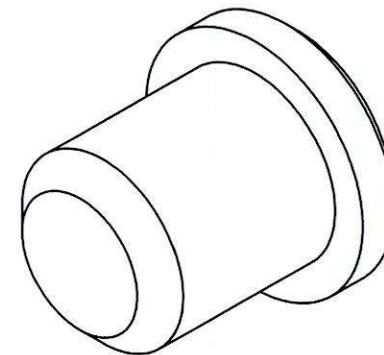
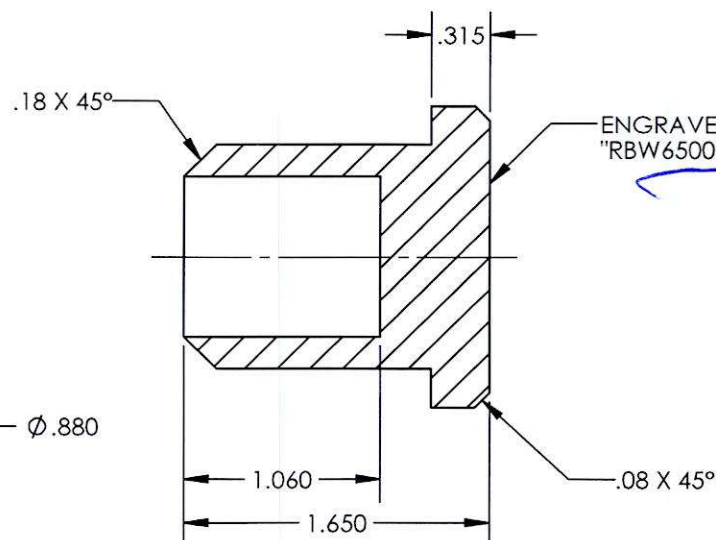
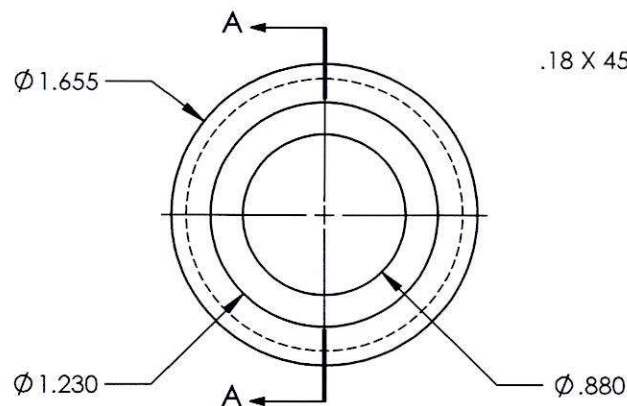
NOTE:
PART OF TOOL KIT RBW6505G00131-3T.

DART AEROSPACE	
TITLE INPUT OIL SEAL REMOVAL PRESS TOOL, IGB INPUT	
DWG NO. RBW6521A00138-W142G-3T	REV 1A
MAT'L	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:2	DATE 6/6/2014
SHEET 1 OF 4	

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	REMOVER BASE	4140	Ø1-3/4 X 1-3/4	2
			-3	1	REMOVER TOOL	4140	Ø2-1/2 X 1-1/2 (MAKES 1 PR.)	3
			-5	1	RING	6061	Ø3-5/8 X 1	4

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



Ⓢ stock

SECTION A-A

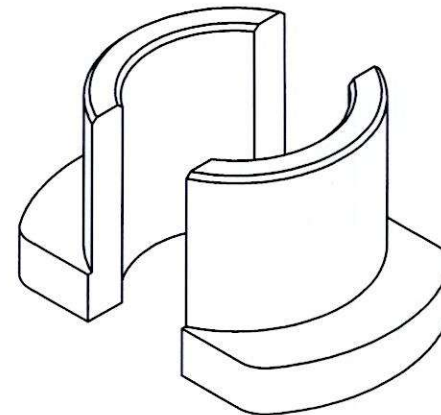
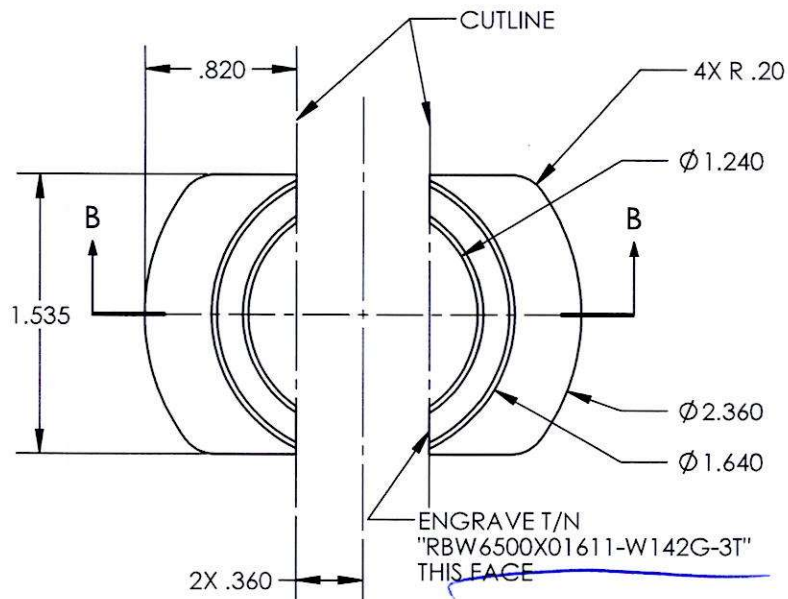
(-1)

REMOVER BASE

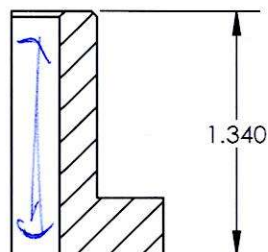
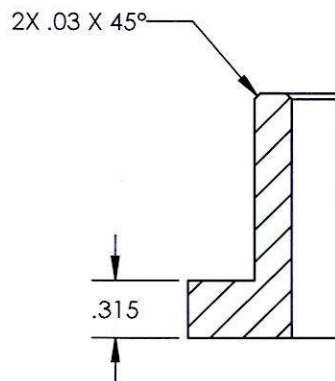
DART AEROSPACE	
TITLE INPUT OIL SEAL REMOVAL PRESS TOOL, IGB INPUT	
DWG NO. RBW6521A00138-W142G-3T-1	REV 1A
MAT'L 4140	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 .XX ± .01 .X ± .1	HEAT TREAT FINISH BLACK OXIDE
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	SPEC
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL AW139
SCALE 1:1	DATE 6/6/2014
SHEET 2 OF 4	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



9 STOCK



SECTION B-B

(3)

REMOVER TOOL

DART AEROSPACE	
TITLE INPUT OIL SEAL REMOVAL PRESS TOOL, IGB INPUT	
DWG NO. RBW6521A00138-W142G-3T-3	REV 1A
MAT'L 4140	DRAWN BY: DUERFELDT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH BLACK OXIDE
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	AW139
SCALE 1:1	DATE 6/6/2014
SHEET 3 OF 4	



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045217**



Supplier: GRO002-VC
Group Altech
2455 Halpern
St Laurent
QC
H4S 1N9 Canada
Phone: 514-335-3666
Fax: 514-335-3868

Attention: Grenon, Sylvie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045217

PO Date: 11/26/19

Due Date: 12/4/19

**Purchase Order
Revision:**

Revision Date:

Ship-To Contact: Guerin, Kimberley
Phone: 613-632-5200 Ext: 298
kguerin@dartaero.com

Via: Ground

Pynt Terms: Net 60

Freight Terms:

Special Comments:

E-MAILED
2019-11-27

Items

Line Item	Job	Part	Drawing	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1	R282629	RBW6521A00138- W142G-3T-5	RBW6521A00138-W142G-3T Rev 1A	Ring (Outsource process- Anodize per QSI017 4.1.10.1) -Issue P/O; -Strip and re plate -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	12/4/19	6 pcs	0 pcs	6 pcs	\$14.25/pcs	\$85.50
2	201157	RBT18520-1	RBT18520 Rev Q	Lift Device Frame -Issue P/O; -ANODIZE COLOR BLACK, PER IAW MIL-A- 8625F TYPE 2 CLASS 2, Water sealant -Material type; 6061T6 -Certificate of Conformity is required	Firmed	-	12/4/19	6 pcs	0 pcs	6 pcs	\$15.95/pcs	\$95.70
Grand Total:												\$181.20

Guerin



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER
POHB045217



Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A022 Apical Processing

A024 process certifications

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program

A049 supplier awareness

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 11/27/19 3:08 PM Dart.Guerin.Kimberley



Certificat de Conformité / Certificate of Compliance

(024463-1)

2455, Rue Halpern | Saint-Laurent | Québec | H4S 1N9
Tel: 514-335-3666 Fax: 514-335-3868
www.groupaltech.com

Bon de Livraison / Packing Slip

024463-1

Livré à / Ship to

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
Tel.: 613-632-5200 Fax.:

Client / Customer:

DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY, ON, K6A1K7
CANADA
BUYER:

Date expédition Ship date		Créé Par Generated By		Transport / No de Compte Courier / Acc. No.		Bon de commande Client Customer Purchase Order No.				
29-Nov-2019		Jigar Patel				POHB045217				
#Ligne Line#	No. de Série / # Pièce Part Number /Line Item Details Job # / Ref #	Description pièce(s)		CATG. U/M	Comm. /Ordered	Exp/ Shipped	Quantités / Quantities Qté NC/ NC Qty		Qté Scrap/	À venir / Back Order
1	RBW6521A00138-W142G-3T-5 Rev.1A	RBW6521A00138-W142G-3T STRIP ANO-BLACK [ANODIZE BLACK] AS PER IAW MIL-A-8625 TYPE - 2, CLASS - 2 WATER SEALANT		ANODIZE CH	6	6	0	0	0	
2	RBT18520-1 Rev.Q	RBT18520 ANO-BLACK [ANODIZE BLACK] AS PER IAW MIL-A-8625 TYPE - 2, CLASS - 2 WATER SEALANT		ANODIZE CH	6	6	0	0	0	
3	STRIP ANODIZE Rev.	STRIP ANODIZE 01 -STRIP [STRIP]		STRIP MIN-CHG	6	6	0	0	0	

DA
04
9-8

RECEIVED
DEC 02 2019
DART AEROSPACE LTD.

DAS
40
9-89

RECEIVED
DEC 02 2019
DART AEROSPACE LTD.

Notes Additionnelles / Additional Notes

Epaisseur réelle
Actual Thickness

Inspecteur Qualité
Quality Inspector

Réçu par
Received By

Nous certifions que les pièces énumérées ci-dessus ont été traitées en conformité avec votre commande et vos spécifications et rencontrent les exigences.
Notre responsabilité financière et légale ne sera pas supérieure au montant de la facture issue.

We hereby certify that the parts listed above have been process in accordance with your purchase order and specifications and are in conformance with your requirements.
Our financial and legal responsibility will not be higher than the amount of invoice.